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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                               |   |
|-------------------------------|---|
| <i>Attorney Docket No.</i>    | 500.37943CX2  |
| <i>First Inventor</i>         | NAKANO, YUKIO   |
| <i>Title</i>                  | DATABASE PROCESSING METHOD,<br>APPARATUS FOR IMPLEMENTING SAME,<br>AND MEDIUM CONTAINING PROCESSING<br>PROGRAM THEREFOR |
| <i>Express Mail Label No.</i> |   |

**APPLICATION ELEMENTS**  
*SEE MPEP chapter 600 concerning utility patent application contents.*

**ADDRESS TO:**  
 Mail Stop Patent Application  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages: 48]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets: 27]
5. Oath or Declaration [Total Sheets: 2]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6.  Application Data Sheet. See 37 CFR 1.76

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission  
*if applicable, all necessary*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
- c.  Statements verifying identity of above copies

 16235 U.S.PTO  
 10/725454


- | ACCOMPANYING APPLICATION PARTS   |   |  |
|--|---|--|
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s))   | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement   | □ Power of Attorney<br><i>(when there is an assignee)</i>  |
| 11. <input type="checkbox"/> English Translation Document ( <i>if applicable</i> )   | 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449                     | 13. <input type="checkbox"/> Copies of IDS Citations   |
| 14. <input checked="" type="checkbox"/> Preliminary Amendment  | 15. <input type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i> | 16. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i> |
| 17. <input checked="" type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | 18. <input type="checkbox"/> Other: <b>Letter Claiming Right of Priority &amp; Credit Card Payment Form</b> |  |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application No.: 10/242,441

Prior application information: Examiner: \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

|   |  |                |          |  |  |
|---|--|----------------|----------|--|--|
| <input checked="" type="checkbox"/> Customer Number |  | 020457         |          | OR <input type="checkbox"/> Correspondence address below |  |
| Name  | ANTONELLI, TERRY, STOUT & KRAUS, LLP     |                |          |  |  |
| Address   |  |                |          |  |  |
| City  | State                                    |                | Zip Code |  |  |
| Country   | Telephone                                | (703) 312-6600 | Fax      | (703) 312-6666   |  |
| Name (Print/Type)                                   | Registration No. (Attorney/Agent) 29,621 |                |          |  |  |
| Signature   | Date December 3, 2003                    |                |          |  |  |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**

(\$ 770)

| Complete if Known    |                  |
|----------------------|------------------|
| Application Number   | Not yet assigned |
| Filing Date          | December 3, 2003 |
| First Named Inventor | NAKANO, YUKIO    |
| Examiner Name        |                  |
| Art Unit             |                  |
| Attorney Docket No.  | 500.37943CX2     |

**METHOD OF PAYMENT (check all that apply)**
 Check     Credit Card     Money     Other     None  
 Order
  Deposit Account:

|                        |                                      |
|------------------------|--------------------------------------|
| Deposit Account Number | 01-2135                              |
| Deposit Account Name   | Antonelli, Terry, Stout & Kraus, LLP |

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below     Credit any overpayments Charge any additional fee(s) during the pendency of this application. Charge fee(s) indicated below, except for the filing fee  
to the above-identified deposit account.**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity  | Small Entity  | Fee Description  | Fee Paid  |
|---------------|---------------|--|---|
| Fee Code (\$) | Fee Code (\$) | Fee Code (\$)  |   |
| 1051 770      | 130           | 2051 65  | Surcharge – late filing fee or oath                       |
| 1052 50       | 2052 25       | Surcharge – late provisional filing fee or cover sheet                     |   |
| 1053 340      | 130           | 1053 130   | Non-English specification                                 |
| 1812 530      | 2,520         | 1812 2,520   | For filing a request for ex parte reexamination           |
| 1804 770      | 920*          | 1804 920*  | Requesting publication of SIR prior to Examination action |
| 1805 160      | 1,840*        | 1805 1,840*  | Requesting publication of SIR after Examiner action       |
| 1251 770      | 110           | 2251 225   | Extension for reply within first month                    |
| 1252 120      | 420           | 2252 210   | Extension for reply within second month                   |
| 1253 950      | 2253 475      | Extension for reply within third month                                     |   |
| 1254 1,480    | 2254 740      | Extension for reply within fourth month                                    |   |
| 1255 2,010    | 2255 1,005    | Extension for reply within fifth month                                     |   |
| 1401 330      | 2401 165      | Notice of Appeal   |   |
| 1402 330      | 2402 165      | Filing a brief in support of an appeal                                     |   |
| 1403 290      | 2403 145      | Request for oral hearing   |   |
| 1451 1,510    | 1451 1,510    | Petition to institute a public use proceeding                              |   |
| 1452 110      | 2452 55       | Petition to revive – unavoidable   |   |
| 1453 1,330    | 2453 665      | Petition to revive – unintentional   |   |
| 1501 1,330    | 2501 665      | Utility issue fee (or reissue)   |   |
| 1502 480      | 2502 240      | Design issue fee   |   |
| 1503 640      | 2503 320      | Plant issue fee  |   |
| 1406 130      | 1460 130      | Petitions to the Commissioner  |   |
| 1807 50       | 1807 50       | Processing fee under 37 CFR 1.17(q)  |   |
| 1806 180      | 1806 180      | Submission of Information Disclosure Stmt                                  |   |
| 8021 40       | 8021 40       | Recording each patent assignment per property (times number of properties) |   |
| 1809 770      | 2809 385      | Filing a submission after final rejection (37 CFR § 1.129(a))              |   |
| 1810 770      | 2810 385      | For each additional invention to be examined (37 CFR § 1.129(b))           |   |
| 1801 770      | 2801 385      | Request for Continued Examination (RCE)                                    |   |
| 1802 900      | 1802 900      | Request for expedited examination of a design application                  |   |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Large Entity        | Small Entity | Fee from     | Fee Paid |
|---------------------|--------------|--------------|----------|
|                     |              | Extra Claims |          |
| Total Claims 1      | -20** =      | x 18 =       |          |
| Indep. Claims 1     | -3** =       | x 86 =       |          |
| Multiple Dependent  |              | =            |          |
| <b>SUBTOTAL (1)</b> |              | <b>770</b>   |          |

\*\*or number previously paid, if greater; For Reissues, see above.

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**

| SUBMITTED BY      |           | Complete (if applicable)             |              |            |
|-------------------|-----------|--------------------------------------|--------------|------------|
| Name (Print/Type) | Signature | Registration No.<br>(Attorney/Agent) | Telephone    | Date       |
| Carl I. Brundidge |           | 29,621                               | 703-312-6600 | 12/03/2003 |

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.